

**CLAIMS:**

1. A system for wireless powering or recharging of rechargeable devices, the system comprising a charging unit and a power receiving device, wherein one or  
5 other or both of the charging unit and the power receiving device is provided with connecting means adapted for temporary releasable connection of the power receiving device to the charging unit, the connecting means not being an electrical connection.
- 10 2. A system as claimed in claim 1, wherein the connecting means is adapted for temporary releasable connection of the power receiving device to the charging unit in at least two positions and/or rotations of the device relative to the charging unit.
- 15 3. A system as claimed in claim 1 or 2, wherein the connecting means is selected from a group comprising: hook-and-eye fasteners, suckers, reusable self-adhesive glue, high stiction/friction surfaces, a shaped recess or projection or plurality thereof, a permanent magnet or array of permanent magnets, an electromagnet or array of electromagnets, and electrostatically-charged terminals.
- 20 4. A charging unit adapted for wireless powering or recharging of a power receiving device, wherein the charging unit is provided with connecting means for temporary releasable connection of a power receiving device thereto, the connecting means not being an electrical connection.
- 25 5. A charging unit as claimed in claim 4, wherein the connecting means is adapted for temporary releasable connection of the power receiving device to the charging unit in at least two positions and/or rotations of the device relative to the charging unit.
- 30 6. A charging unit as claimed in claim 4 or 5, wherein the connecting means is selected from a group comprising: hook-and-eye fasteners, suckers, reusable self-adhesive glue, high stiction/friction surfaces, a shaped recess or projection or

plurality thereof, a permanent magnet or array of permanent magnets, an electromagnet or array of electromagnets, and electrostatically-charged terminals.

7. A power receiving device adapted for wireless powering or recharging by a charging unit, wherein the power receiving device is provided with connecting means for temporary releasable connection of a charging unit thereto, the connecting means not being an electrical connection.

8. A power receiving device as claimed in claim 7, wherein the connecting means is adapted for temporary releasable connection of the power receiving device to the charging unit in at least two positions and/or rotations of the device relative to the charging unit.

9. A power receiving device as claimed in claim 7 or 8, wherein the connecting means is selected from a group comprising: hook-and-eye fasteners, suckers, reusable self-adhesive glue, high stiction/friction surfaces, a shaped recess or projection or plurality thereof, a permanent magnet or array of permanent magnets, an electromagnet or array of electromagnets, and electrostatically-charged terminals.

10. A method of wireless powering or recharging of a power-receiving device which comprises temporarily attaching the device to a charging unit, said method further comprising utilising a releasable temporary connecting means attached to the charging unit and/or the device, wherein said connecting means is adapted to enable the charging unit and the device to be attached in one or more positions and/or orientations relative to each other, the connecting means not being an electrical connection.

11. A method according to claim 10, wherein the connecting means is adapted for temporary releasable connection of the power receiving device to the charging unit in at least two positions and/or rotations of the device relative to the charging unit.

12. A method according to claim 10 or 11, wherein the connecting means is selected from a group comprising: hook-and-eye fasteners, suckers, reusable self-adhesive glue, high stiction/friction surfaces, a shaped recess or projection or plurality thereof, a permanent magnet or array of permanent magnets, an  
5 electromagnet or array of electromagnets, and electrostatically-charged terminals.

13. A system for wireless powering or recharging of rechargeable devices, substantially as hereinbefore described with reference to or as shown in Figures 2 and 3 of the accompanying drawings.

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14. A charging unit adapted for wireless powering or recharging of a power receiving device, substantially as hereinbefore described with reference to or as shown in Figures 2 and 3 of the accompanying drawings.

15 15. A power receiving device adapted for wireless powering or recharging by a charging unit, substantially as hereinbefore described with reference to or as shown in Figures 2 and 3 of the accompanying drawings.

16. A method of wireless powering or recharging of a power-receiving device,  
20 substantially as hereinbefore described with reference to or as shown in Figures 2 and 3 of the accompanying drawings.